

Safety Signs Selection Guide

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Safety Sign Selection Guide

Safety signs are a necessary and required component for warning and communicating messages or notices to your employees, customers and/or the general public. In order to provide a clear and concise message, the sign must meet a variety of requirements and standards. Selecting and placing a safety sign for your facility is more than a workplace requirement, but an opportunity to prevent costly accidents or dangerous hazards for individuals within your facility.



Comply with Applicable Regulations

Check the specific sign requirements of the regulation you're complying with. Exit and fire extinguisher signs are covered by NFPA and IBC, general and chemical hazards by OSHA, traffic and parking signs by the Dept. of Transportation. Layout, text and signal words are covered by OSHA and ANSI. Below are several of the common regulations affecting signs:

Organization	What's Covered
OSHA – Occupational Safety & Health Administration	OSHA 1910.37 Means of Egress, General (Exit signs and routes) OSHA 1910.144 Safety Color Code for Marking Physical Hazards OSHA 1910.145 Specifications for Accident Prevention Signs and Tags OSHA 1910.146 Permit-Required Confined Spaces OSHA 1910.147 Control of Hazardous Energy (Lockout/Tagout) OSHA 1910.1200 Hazard Communication (includes updated GHS standard) OSHA 1910.303 Electrical Subpart S; ((g)(2)(iii) and (h)(5)(iii)[B] – Warning Signs) OSHA 1926.200 Signs, Signals & Barricades for Construction
DOT – Department of Transportation	Hazardous Materials Warning Placards and Labels - Title 49, Code of Federal Regulations, Part 172 Subpart D–Marking, Subpart E – Labeling, Subpart F–Placarding - Title 49, Code of Federal Regulations, Parts 100-199 MUTCD 2009 with Revisions 1 & 2 (Manual on Uniform Traffic Control Devices) is the most current edition of the MUTCD
NFPA – National Fire Protection Association	NFPA 70: National Electrical Code NFPA 101: Life Safety Code NFPA 101B: Code for Means of Egress for Buildings and Structures NFPA 704: Standard System for the Identification of the Hazards of Materials for Emergency Response
ICC – International Code Council	IBC 2015 International Building Code IFC 2015 International Fire Code
IMO – International Maritime Organization	Resolution A.752(18) Egress and Low Level Lighting
ANSI – American National Standards Institute	ANSI Z535.1-2006(R2011), Safety Color Code ANSI Z535.2-2011, Environmental and Facility Safety Signs ANSI Z535.3-2011, Criteria for Safety Symbols ANSI Z535.4-2011, Product Safety Signs & Labels
ISO – International Standards Organization	ISO 7010:2011 Prescribes Safety Signs for the Purposes of Accident Prevention, Fire Protection, Health Hazard Information and Emergency Evacuation. ISO 7001:2007 Graphical Symbols, Public Information Symbols
ADA – Americans with Disabilities Act	2010 ADA Standards for Accessible Design; 703 Signs Meet Occupational Health Administration (OSHA 1910.145) and ANSI (ANSI Z535) regulations and guidelines.

NEW!

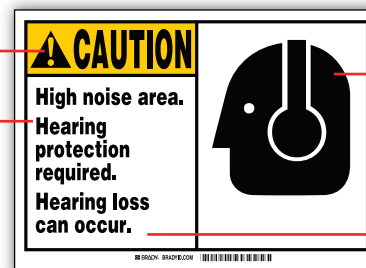
New ANSI Sign Standard

Under OSHA's Hazard Communication Standard update, organizations can now use either the American National Standard Institute (ANSI) standards from 1967-1968 (ANSI Z53.1, Z35.1 & Z35.2) or from 2011 (ANSI Z535.1, Z535.2 & Z535.5) for safety signage.

OSHA's recent Consensus Standard updates the previous sign design by adding visual pictograms, a safety alert symbol in the header, upper and lower case text, and more explanatory text regarding the nature of the hazard, how to avoid the hazard, and consequences of not avoiding the hazard.

A safety alert symbol needed for Danger, Warning and Caution signs

Text is succinct, active tense, left justified and follows character case rules



Greater use of symbols and pictograms

Communicates hazard, consequence and avoidance statements

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Choose the Right Material for Your Application

Choosing a material for your safety sign may not seem as significant as the message or regulatory compliance of the sign. But it's important to remember that different materials are equipped for different environments and applications. If you don't select the proper material, you could end up having to replace the sign more frequently than needed.



Brady's Most Popular Sign Materials

Rigid Signs

B-120 Premium Fiberglass

- Most durable, will not chip, fade, rust, shatter or peel for up to 25 years
- Graphics protected under fiberglass layer
- Excellent chemical & abrasion resistance
- Ideal for outdoor and harsh environments

B-401 Plastic

- Cost-effective durable polystyrene.
- Ideal for directional, informational, department and safety sign applications.
- Conforms to well-curved surfaces.
- Up to 5 year outdoor life

B-555 Aluminum

- Durable for indoor & outdoor usage
- Uses UV inks and UV clear coat protection for fade resistance
- Withstands wind, rain, sunlight and high temperatures
- 5-8 year outdoor life
- Used for parking, building and informational signs

Flexible Signs (Adhesive Backed)

B-302 Self-Sticking Polyester

- Withstands wide temperature variations (up to 230F)
- Protected graphics holds up to repeated spills and cleanings
- Good for machine/equipment labels
- Permanent adhesive
- Up to 8 year outdoor life

B-946 Self-Sticking Durable Vinyl

- High gloss vinyl printed with UV resistant inks
- Permanent cold temp acrylic adhesive
- Good for outdoor applications on curved surfaces
- Fair chemical and abrasion resistance
- Durable, provides up to 10 years outdoor life.



Eco-Friendly Sign Material Also Available

Eco-Friendly Safety Signs offer an alternative to traditional safety signs materials. Brady offers three different material options for eco-friendly signs:

B-586 Paper Signs

- Made of 10% post consumer waste
- Signs are 100% recyclable
- Suitable for indoor applications
- Stable, rigid paper material
- Material is 3.5mm thick
- Available for popular safety sign legends, in sizes 10"x14" and 7"x10"

B-563 Plastic Signs

- Made of 70% post consumer waste
- Can withstand outdoor conditions for 3-5 years
- Material is 0.55mm thick
- Available for popular safety sign legends, in sizes 10"x14" and 7"x10"

B-558 Pressure Sensitive Signs

- Made of 20% pre-consumer waste
- Material is 0.004 in. thick
- Recommended for indoor use
- Permanent adhesive backing
- Available for popular safety sign legends, in sizes 10"x14" and 7"x10"

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Sign Material Guide

Brady offers a sign material for virtually every application. Whether the sign is used indoors or outdoors, in mild or harsh environments, we have the material to match your application. Select the right sign for your application dependent upon the factors listed in the table below.

Material Type	Description	Protected Graphics	For Outdoor Use	Average Outdoor Durability	Chemical Resistance	Abrasion Resistance	Max. Temp	Thickness (in.)
Flexible Sign Materials								
Adhesive	B-302 High Performance Polyester	✓	✓	8 yrs	Excellent	Excellent	230° F (100°C)	.006-.010"
Adhesive	B-324 BradyGlo™ Photoluminescent Polyester	-	-	-	Good	Good	176°F (80°C)	.008"
Adhesive	B-485 Polyester Film	✓	-	-	Good	Good	122°F (50°C)	.011"
Adhesive	B-523 Photoluminescent Polyester Film with Aggressive Adhesive	-	-	-	Good	Good	176°F (80°C)	.0096"
Adhesive	B-534 Polyester Floor Sign with Anti-Skid Tread	✓	-	-	Good	Good	130°F (54°C)	.011"
Adhesive	B-808 BradyGlo™ Anti-Slip Polyester Floor Sign	✓	-	-	Good	Good	158°F (70°C)	.017"
Adhesive	B-819 Anti-Slip Vinyl Floor Sign	✓	-	-	Good	Good	158°F (70°C)	.012"
Adhesive	B-928 Write-On Vinyl with Cold Temp Adhesive	-	✓	2 yrs	Good	Good	176°F (80°C)	.005"
Adhesive	B-946 Self-Sticking Vinyl	-	✓	10 yrs	Fair	Good	180°F (82°C)	.004"
Adhesive	B-984 Photoluminescent Polyester Film	-	-	-	Good	Good	176°F (80°C)	.013"
Adhesive	B-997 BradyLite® Reflective Vinyl	-	✓	4-6 yrs	Good	Good	200°F (93°C)	.007"
Non-Adhesive	B-101 Polycoated Tagstock	-	-	-	Good	Good	158°F (70°C)	.010"
Non-Adhesive	B-586 Eco-Friendly Paperboard	-	-	-	Good	Good	175°F (80°C)	.060"
Non-Adhesive	B-811 Magnetic Vinyl	-	✓	2-4 yrs	Good	Good	158°F (70°C)	.025"
Rigid Sign Materials								
Metal	B-555 Aluminum	✓	✓	8 yrs	Excellent	Excellent	230°F (110°C)	.040-.090"
Metal	B-959 Reflective Aluminum	-	✓	4-8 yrs	Good	Good	175°F (80°C)	.040-.080"
Metal	B-986 Photoluminescent Polyester Film on Aluminum	-	-	-	Good	Good	175°F (80°C)	.049"
Metal	B-995 Diamond-Grade™ Reflective Aluminum	-	✓	7 yrs	Good	Good	212°F (100°C)	.097"
Fiberglass	B-120 Premium Fiberglass	✓	✓	25 yrs	Excellent	Excellent	193°F (90°C)	.100"
Fiberglass	B-140 Polyester on Fiberglass	✓	✓	8 yrs	Excellent	Excellent	175°F (79°C)	.070"
Fiberglass	B-320 Sub Surface Printed Lexan on Fiberglass	✓	✓	8 yrs	Good	Good	175°F (79°C)	.07"
Fiberglass	B-382 Sub Surface Printed Polycarbonate on Fiberglass	✓	✓	8 yrs	Good	Good	175°F (79°C)	.090"
Plastic	B-1 Thermoset Plastic	-	✓	8 yrs	Good	Good	193°F (89°C)	.062"
Plastic	B-347 BradyGlo™ Phosphorescent Polyester on Polystyrene	-	-	-	Good	Good	175°F (79°C)	.068"
Plastic	B-355 BradyGlo Steel Encased Photoluminescent Plastic	-	-	-	Good	Good	122°F (50°C)	.250"
Plastic	B-401 Polystyrene Plastic	✓	✓	5 yrs	Good	Good	175°F (79°C)	.060"
Plastic	B-450 Polyethylene Plastic	-	-	-	Good	Good	180°F (82°C)	.055"
Plastic	B-493 Plastic V-Shaped Signs	-	✓	2 yrs	Good	Good	193°F (90°C)	.100"
Plastic	B-563 Eco-Friendly Plastic (70% Post Consumer Waste)	-	✓	5 yrs	Good	Good	185°F (85°C)	.055"
Plastic	B-793 Polystyrene	-	✓	1-3 yrs	Poor	Good	165°F (74°C)	
Plastic	B-836 Temporary Sign Fluted Polypropylene	-	✓	1 yr	Good	Good	130°F (54°C)	.156"
Plastic	B-985 Photoluminescent Polyester Film on Polystyrene	-	-	-	Good	Good	175°F (80°C)	.069"



Still Not Sure Which Material To Use? Request a Free Sample Pack!

- Each sample pack includes 3-1/2" x 5" material samples of some of Brady's best selling material including:
- Premium Fiberglass
- Fiberglass
- Aluminum
- Plastic
- Polyester
- Vinyl



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Sign Location

It is important to make certain that your sign will communicate the safety message to all of your employees, customers and the general public. The sign should be clear, concise and placed in a highly visible location. Placement of the sign is a key aspect in transmitting your message.

Keep the following tips in mind when placing your safety sign.

- Signs must be placed to alert and inform employees of hazards. They should have sufficient time to avoid the hazard and take appropriate action
- Signs must be clear, visible and unobstructed.
- Signs should be placed in an inert location. Signs should not be placed in moveable areas or near areas that could obstruct sign visibility such as doors or windows.
- Lighting, maintenance and storage should be considered during the placement process to make sure the sign can be clearly illuminated.

Safety signs should continue to be inspected, maintained and cleaned to ensure they are in good condition and in the appropriate location. If the message is no longer relevant or the hazard ceases to exist, the sign should be removed as soon as possible.



Brady's Safety and Traffic Signs help keep your employees and visitors safe inside and outside your facility, in an emergency and in everyday actions.



CUSTOM SIGNS

Brady's "Same as Stock" custom sign pricing makes it easy to create signs unique to your facility.

Brady understands that sometimes you need a sign that is unique to your own facility. With Brady's wide variety of custom sign options, we have the ability to create a sign with exactly the message you need, in the material and size you want.

- Custom text
- Common sizes
- No minimum order
- Custom graphics
- Variety of materials
- Fast turnaround

View page 194 for more information.

Traffic Control Signs

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Traffic Control Signs

Brady traffic signs provide clear, concise direction to traffic inside and outside your building. Brady traffic signs are designed to meet MUTCD specifications, so they can be used in almost any application. These traffic signs guide vehicle traffic, inform employees about areas under repair and improve safety and productivity throughout your property. Available in a variety of sizes and materials, Brady traffic signs can be used in crosswalks, parking lots and more.

Popular Sign Materials

FB - Premium Fiberglass (B-120)
SS - Self-Sticking Polyester (B-302)
BGSS - BradyGlo™ Self-Sticking Polyester (B-324)
BGPL - BradyGlo™ Plastic (B-347)
PL - Plastic (B-401)
AL - Aluminum (B-555)
RFAL - Reflective Aluminum (B-959)
View all sign materials on page 25.

Can't find your sign?

Use the Sign Legend Index on page 498 or take advantage of our custom sign options.



69100	10" x 14"	FB
22052	10" x 14"	PL
40616	10" x 14"	AL



70223	10" x 14"	FB
25792	10" x 14"	PL
43369	10" x 14"	AL



75082	10" x 14"	FB
25795	10" x 14"	PL
43372	10" x 14"	AL



75118	10" x 14"	FB
25798	10" x 14"	PL
43375	10" x 14"	AL



129503	7" x 10"	SS
129506	10" x 14"	SS
129502	7" x 10"	PL
129505	10" x 14"	PL
129501	7" x 10"	AL
129504	10" x 14"	AL



124207	10" x 7"	SS
124210	14" x 10"	SS
124206	10" x 7"	PL
124209	14" x 10"	PL
124205	10" x 7"	AL
124208	14" x 10"	AL



25801	10" x 14"	PL
43378	10" x 14"	AL



124189	10" x 7"	SS
124192	14" x 10"	SS
124188	10" x 7"	PL
124191	14" x 10"	PL
124187	10" x 7"	AL
124190	14" x 10"	AL



129509	7" x 10"	SS
129512	10" x 14"	SS
129508	7" x 10"	PL
129511	10" x 14"	PL
129507	7" x 10"	AL
129510	10" x 14"	AL



124195	7" x 10"	SS
124198	10" x 14"	SS
124194	7" x 10"	PL
124197	10" x 14"	PL
124193	7" x 10"	AL
124196	10" x 14"	AL



129515	7" x 10"	SS
129518	10" x 14"	SS
129514	7" x 10"	PL
129517	10" x 14"	PL
129513	7" x 10"	AL
129516	10" x 14"	AL



85427	7" x 10"	SS
85428	10" x 14"	SS
22719	7" x 10"	PL
22720	10" x 14"	PL
41283	7" x 10"	AL
41284	10" x 14"	AL



63208	2' x 24"	SS
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63203	10" x 14"	SS
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63204	14" x 10"	SS
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A New Manual on Uniform Traffic Control Devices (MUTCD) Eff. 2009 (R1-2 revised 2012)

Federal MUTCD Standard:

No person shall install or maintain in any area of private property used by the public any sign, signal, marking or other device intended to regulate, warn or guide traffic unless it conforms to the MUTCD.

Traffic Signs and Reflectivity Section 2A.0702 of MUTCDs

Stipulates that regulatory, warning, and guide signs and object markers shall be retroreflective or illuminated to show the same shape and similar color by both day and night. Most of Brady's retroreflective signs are "engineer grade". Higher intensity "Diamond Grade" signs are available as custom options.

All posts used for mounting must be breakaway style and mounted at new minimum mounting heights

All supports require breakaway sockets or posts. Minimum mounting height is 5' from the bottom of the sign to the top of the ground in rural or low-volume areas. Minimum mounting height is 7' from the bottom of the sign in urban or heavily traveled areas.

Notice: Chock Rear Wheels 1910.178(k) and (m)

When trucks are loaded and unloaded, OSHA requires the brakes to be set and wheel chocks to be placed under the rear wheels to prevent the trucks from rolling while they are boarded with a forklift or other powered industrial truck.



Traffic Control Signs (Continued)



94240 24" x 18" RFAL



124436 18" x 12" SS
124435 18" x 12" PL
124434 18" x 12" AL



129425 18" x 12" SS
129424 18" x 12" PL
129423 18" x 12" AL



124424 18" x 12" SS
124423 18" x 12" PL
124422 18" x 12" AL



124490 18" x 12" SS
124489 18" x 12" PL
124488 18" x 12" AL



124487 18" x 12" SS
124486 18" x 12" PL
124485 18" x 12" AL



124584 18" x 18" PL
124586 24" x 24" PL
124583 18" x 18" AL
124585 24" x 24" AL



75199 24" x 18" FB
94210 24" x 18" RFAL



75200 24" x 18" FB
94211 24" x 18" RFAL



75201 24" x 18" FB
94212 24" x 18" RFAL



76088 24" x 18" FB
94213 24" x 18" RFAL



75203 24" x 18" FB
94209 24" x 18" RFAL



124343 18" x 12" SS
124342 18" x 12" PL
124341 18" x 12" AL



75205 18" x 18" FB
75206 24" x 24" FB
75207 30" x 30" FB
94142 18" x 18" RFAL
94143 24" x 24" RFAL
94144 30" x 30" RFAL
94145 36" x 36" RFAL



High intensity reflective aluminum
95043 18" x 18"
95044 24" x 24"
95045 30" x 30"
95046 36" x 36"



80073 18" x 18" RFAL
80074 30" x 30" RFAL
80075 36" x 36" RFAL



124439 18" x 12" SS
124438 18" x 12" PL
124437 18" x 12" AL



124531 18" x 18" PL
124533 24" x 24" PL
124530 18" x 18" AL
124532 24" x 24" AL



124451 18" x 12" SS
124450 18" x 12" PL
124449 18" x 12" AL



124535 18" x 18" PL
124537 24" x 24" PL
124534 18" x 18" AL
124536 24" x 24" AL



124555 18" x 18" PL
124557 24" x 24" PL
124554 18" x 18" AL
124556 24" x 24" AL



124421 18" x 12" SS
124420 18" x 12" PL
124419 18" x 12" AL



124433 18" x 12" SS
124432 18" x 12" PL
124431 18" x 12" AL



124539 18" x 18" PL
124541 24" x 24" PL
124538 18" x 18" AL
124540 24" x 24" AL



124551 18" x 18" PL
124553 24" x 24" PL
124550 18" x 18" AL
124552 24" x 24" AL